

PTO
JAN 24 2002
U.S. PATENT & TRADEMARK OFFICE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid OMB control number

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

#

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 09/941,947, filed on AUGUST 29, 2001.
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)Inventor one: PATRICIA C. BRZOSTOWICZSignature: Patricia C Brzostowicz Citizen of: UNITED STATESInventor two: QIONG CHENGSignature: Qiong Cheng Citizen of: CHINA P.R.Inventor three: DEANA DICOSIMOSignature: Deana J Dicosimo Citizen of: UNITED STATESInventor four: MATTHEOS KOFFASSignature: Mattheos Koffas Citizen of: GREECE☒ Additional inventors are being named on **PGS 2 & 3** additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

PTO/SB/02A (11-00)
Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Respond to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 3

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
EDWARD S.				MILLER			
Inventor's Signature <i>Edward S. Miller Jr</i>			Date 10/9/01				
Residence: City WILMINGTON		State DELAWARE		Country UNITED STATES		Citizenship UNITED STATES	
Mailing Address 24 HENRY COURT							
Mailing Address							
City WILMINGTON		State DELAWARE		ZIP 19808		Country UNITED STATES	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
JAMES M.				ODOM			
Inventor's Signature <i>James M. Odom</i>			Date 10/16/01				
Residence: City KENNETT SQUARE		State PENNSYLVANIA		Country UNITED STATES		Citizenship UNITED STATES	
Mailing Address 19 FERN HILL ROAD							
Mailing Address							
City KENNETT SQUARE		State PENNSYLVANIA		ZIP 19348		Country UNITED STATES	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
STEPHEN K.				PICATAGGIO			
Inventor's Signature <i>Stephen K. Picataggio</i>			Date 10/16/01				
Residence: City LANDENBERG		State PENNSYLVANIA		Country UNITED STATES		Citizenship UNITED STATES	
Mailing Address 17 MEADOW WOOD LANE							
Mailing Address							
City LANDENBERG		State PENNSYLVANIA		ZIP 19350		Country UNITED STATES	

+

PTO/SB/02A (11-00)

DECLARATION

ADDITIONAL INVENTOR(S)
 Supplemental Sheet
 Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
PIERRE E.		ROUVIERE	
Inventor's Signature <i>Pierre E. Rouvierre</i>		Date <i>Oct. 9, 2001</i>	
Residence: City WILMINGTON	State DELAWARE	Country UNITED STATES	Citizenship FRANCE
Mailing Address 737 TAUNTON ROAD			
Mailing Address			
City WILMINGTON	State DELAWARE	ZIP 19803	Country UNITED STATES
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/841,847
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906



OR

☒ Practitioner(s) named below:

Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioners at Customer Number

OR

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	PATRICIA C. BRZOSTOWICZ
Signature	<i>Patricia C Brzostowicz</i>
Date	10/9/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

2001-10-09 14:00:00

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002, OMB 0651-0035

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906



OR

☒ Practitioner(s) named below:

Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioners at Customer Number

Place Bar Code Label Here

OR

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name

QIONG CHENG

Signature

Qiong Cheng

Date

10/9/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

RECEIVED
JAN 24 2002
PTO

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR

☒ Practitioner(s) named below:



Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioners at Customer Number

OR

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

Place Bar Code Label Here

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	DEANA DICOSIMO
Signature	<i>Deana Dicosimo</i>
Date	10/9/01

NOTE. Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

U.S. PATENT & TRADEMARK OFFICE

Please type a plus sign (+) inside this box →



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR



☒ Practitioner(s) named below:

Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioner at Customer Number

OR

Place Bar Code Label Here

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	MATTHEWS KOFFAS
Signature	<i>Matthews Koffas</i>
Date	10/9/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

Please type a plus sign (+) inside this box



PTO/SB/01 (02-01)

Approved for use through 10/31/2002, OMB 0651-0035

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR

☒ Practitioner(s) named below:

PATENT TRADEMARK OFFICE

Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioner at Customer Number

Place Bar Code Label Here

OR

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name EDWARD S. MILLER

Signature

Edward S. Miller

Date

10/9/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR

☒ Practitioner(s) named below:



Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioner at Customer Number

OR

☐ Firm or
Individual Name

Place Bar Code Label Here

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

JAMES M. ODOM

Signature

[Handwritten Signature]

Date

10/16/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0351-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR

☒ Practitioner(s) named below:

Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioners at Customer Number

OR

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	STEPHEN K. PICATAGGIO
Signature	<i>Stephen K. Picataggio</i>
Date	1/9/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ ET AL.
Title	CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

☒ Practitioner(s) named below:

Name	Registration Number
S. NEIL FELTHAM	36, 506

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number

OR

☐ Practitioners at Customer Number

Place Bar Code Label Here

OR

☐ Firm or Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	PIERRE E. ROUVIERE
------	--------------------

Signature _____

Date _____

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 8 forms are submitted.